

# Angela McElheron

## Programmer Analyst

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### Career Summary

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Results-driven Programmer Analyst with extensive experience in designing, developing, and maintaining software applications to support business operations. Proficient in analyzing system requirements, optimizing performance, and collaborating with stakeholders to deliver reliable technical solutions.

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### Experience

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#### Employment and Social Development Canada • July 2011 – Present

##### *Programmer Analyst • October 2015 – Present*

- Redesigned and updated a legacy .NET framework application using C#/MVC and .NET, and applied the Web Experiment Toolkit (WET) to ensure accessibility compliance.
- Analyzed data, identified possible solutions, and made recommendations to management on best method to solve problems.
- Collaborated with designers and backend developers to implement user-friendly UI components.
- Mentored junior developers through demos, code reviews, and technical guidance.
- Supported onboarding of new team members by providing documentation and guidance.
- Ensured best practices for coding and accessibility.

##### *Team Leader (Acting) • Four 4-month terms (16 months total) between 2019 – 2024*

- Managed a team of 6 to 11 web developers, coordinating tasks, timelines, and deliverables.
- Managed tasks and workflow for multiple projects with tight deadlines.
- Provided technical guidance and code reviews to maintain quality, performance, and best practices.
- Lead daily stand up meetings to ensure consistent progress and team alignment.
- Acted as primary point of contact between developers, product managers, and stakeholders.

##### *Programmer • July 2011 – October 2015*

- Participated in converting a VB6 application to a VB.NET 4 application, with the purpose of making it WCAG 2.0 compliant.
- Updated .NET modules to incorporate new business requirements and to replace Corporate Management System (CMS) with SAP.
- Updated technical documentation.

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## **Education**

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### **University of Ottawa, Ottawa, Ontario**

*Bachelor of Science, Honours with Specialization in Computer Science • December 2011*

- Won the Cognos Prize for top honours project in the Fall 2011 semester

### **Heritage College, Gatineau, Québec**

*Science Diploma • May 2007*

- Graduated with distinction

### **D'Arcy McGee High School, Gatineau, Québec**

*High School Diploma • June 2005*

- Graduated with honours

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## **Skills**

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### ***Programming Languages***

Visual Basic, C#, C++, Java, Prolog, Scheme, Python

### ***Web Development***

HTML/CSS, XML, Javascript, jQuery, Markdown

### ***Databases***

Oracle

### ***Frameworks***

.NET, .NET Framework

### ***Software and Tools***

Visual Studio, SQL Developer, Git, Web Experience Toolkit (WET), WCF

### ***Platforms***

Azure

### ***Soft skills***

English language (Native), French language (Professional working proficiency), Ability to work under pressure, Excellent attention to detail, Customer service

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## **Recognition**

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### **Deputy Ministers' Award of Excellence (2024)**

*Indigenous Skills and Employment Training Program (ISET) Systems Alignment Project Team • ESDC*

Recognized for web development contributions supporting systems alignment, data integration, and improved service delivery for the ISET programs.